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(54) Title: FLAME RETARDANT POLYMER COMPOSITION COMPRISING FINE PARTICLES

(57) Abstract: The present invention relates to a flame retardant polymer composition comprising (A) an olefin homo- and/or copolymer in an amount of from 30 to 70 wt.-% of the total polymer composition, (B) a silicone-group containing compound, (C) an inorganic filler in an amount of at least 10wt% of the total polymer composition, wherein component (C) has a particle size distribution so that at least 10 wt% of the total polymer composition are particles with a size of below 0.7 micrometers. Furthermore, the invention relates to the use of such a composition in a conduit, plug, wire or cable or for injection moulding, and to a wire or cable having a layer comprising such a composition.

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